SOUNDINGS IN FATHOMS

16529

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Director, Charting and Geodetic Services (N/CG22), National Ocean Service, NOAA, Rockville, Maryland 20852.

Formerly C&GS 9006, 1st Ed., June 1900 (Revised 1900-30)

(CONTINUED ON CHART 16528)

Nautical Chart Catalog No. 4, Panel 1

Nautical Mile

Yards

UNITED STATES

ALASKA – ALEUTIAN ISLANDS

UNALASKA ISLAND

DUTCH HARBOR

Mercator Projection
Scale 1:10,000 at Lat. 53°54'
North American Datum of 1983
(World Geodetic System 1984)
SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 3.111" southward and 6.821" westward to agree with this chart.

NOTE B

CAUTION

It has been reported that several vessels anchoring in the southwest area of Dutch Harbor have fouled their anchors on ground tackle lost on the bottom of the harbor. Caution should be exercised when anchoring west of a line drawn from Rocky Point to the city pier (53°54'18"N/166°31'40"W). If possible, anchor outside the effected area.

TIDAL INFORMATION

Place Name	Place (LAT/LONG)	Height referred to datum of soundings (MLLW) Mean Higher High Water	Mean Higher High Water	Mean Low Water	Extreme Low Water
		feet	feet	feet	feet
Dutch Harbor	(53°54'N/166°32'W)	3.3	3.4	1.2	-2.8
Unalaska	(53°53'N/166°32'W)	3.7	3.4	1.2	-2.8

1993

ABBREVIATIONS (For complete list of Symbols and Abbreviations, see Chart No. 1.)

Aids to Navigation (lights are white unless otherwise indicated):
AERO (nonmuticated) A (alternating) B (black) Bn (beacon) C (can) DIA (diaphone) E (W) (equal interval (fas)) F (fixed) Fl (flashing)
G (green) Gp (group) IQ (interrupted quick) Iso (isophase (2 Iso)) LT HO (lighthouse) M (nautical mile) m (minutes) MICRO TR (microwave tower) Mkr (marker)
Mo (morse code) R (red) Ra Ref (radar reflector) R Bn (radiobeacon)
R TR (radio tower) Rtrt (retiring) s (seconds) SEC (sector) St M (statute miles) Q (quick) VQ (very quick) W (white) WHIS (whistle) Y (yellow)

Bottom characteristics:
Bldrs (boulders) Co (coral) Cy (clay) Gravel (g) Grs (grass) M (mud) Oys (oysters) Rk (rock) S (sand) Sh (shells) Vy (sticky)

Miscellaneous:
AUTH (authorized) ED (extreme doubtful) Obscn (obscured) PA (position approximate) PD (position doubtful) Rep (reported) Wk (wreck, rock, obstruction, or shoal) (2) Rocks that cover and uncover, with heights in feet above datum of soundings
COLREGS: International Regulations for Preventing Collisions at Sea, 1972

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

Hydrography and topography by the National Ocean Service, Charting and Geodetic Services with additional data from the U.S. Coast Guard and Defense Mapping Agency.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Notice to Mariners.

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 9 for important supplemental information.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center, via 800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

COLREGS: 80 1705 (see note A)

International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

LOGARITHMIC SPEED SCALE

To find SPEED, place one point of dividers on distance run (in any unit) and the other on minutes run. Without changing divider spread, place right point on 60 and left point will then indicate speed in units per hour. Example: with 4.0 nautical miles run in 15 minutes, the speed is 16.0 knots

Nautical Mile

Yards

Needle Rock
Ulakta Head
Mt Ballyhoo
Spit Island
Mt Concord
Mt Newhall
Dutch Harbor
Rocky Pt
Spit Island
Arch Rock
Unalaska
Agnes Beach
Unalaska Lake
South Amaknak Island
Captains Bay
Obernoi Pt
Tidal station
Water tower
Flag staff
Pole
Mooring buoy
Pile
Fish haul
Fish trap
Submarine cable
Pipeline
Ruins
Pinnacle rock
Kelp
Rock awash
Foul ground
Anchorage
Dolphin
Fish weir
Fish stakes
Fish hatchery
Fish ladder
Fish hatchery
Fish ladder
Fish weir
Fish stakes
Fish trap
Fish haul